

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

**Application Number**

**10725,475**

**Filing Date**

**December 3, 2003**

**First Named Inventor**

**Mark ZOLLER**

### Art Unit

1647

**Examiner Name**

**Robert S. Landsman**

Sheet

1 of 1

Attorney Docket Number

**67824.407428**

## U.S. PATENT DOCUMENTS

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**EXAMINER SIGNATURE**

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DATE CONSIDERED

6.18.07

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449/PTO		Application Number	10/725,475
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Filing Date	December 3, 2003
		First Named Inventor	Mark ZOLLER
		Art Unit	1647
		Examiner Name	Robert S. Landsman
		Attorney Docket Number	67824.407428
Sheet	1 of 1		

## FOREIGN PATENT DOCUMENTS

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STATEMENT BY APPLICANT***(use as many sheets as necessary)*

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<b>Filing Date</b>	<b>December 3, 2003</b>
<b>First Named Inventor</b>	<b>Mark ZOLLER</b>
<b>Art Unit</b>	<b>1647</b>
<b>Examiner Name</b>	<b>Robert S. Landsman</b>
<b>Attorney Docket Number</b>	<b>67824.407428</b>

Sheet **1 of 4****U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>RL</i>	1.	US- 6,383,778	05-07-2002	Zuker, et al.	
	2.	US- 5,993,778	11-30-1999	Firestein, et al.	
	3.	US- 2003/0054448	03-20-2003	Adler, et al.	
	4.	US- 2003/0040045	02-27-2003	Zuker, et al.	
	5.	US- 2003/0022278	01-30-2003	Zuker, et al.	
	6.	US- 2003/0022288	01-30-2003	Zuker, et al.	
	7.	US- 2002/0168635	11-14-2002	Zuker, et al.	
	8.	US- 2003/0008344	01-09-2003	Adler, et al.	
	9.	US- 2002/0160424	10-31-2002	Adler, et al.	
	10.	US- 2002/0151052	10-17-2002	Chaudhari, et al.	
	11.	US- 2002/0094551	07-18-2002	Adler, et al.	
	12.	US- 2002/0051997	05-02-2002	Zuker, et al.	
	13.	US- 6,540,978	04-01-2003	Margolskee, et al.	
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<b>Sheet</b>	<b>2 of 4</b>	<b>Attorney Docket Number</b>	<b>67824.407428</b>

**FOREIGN PATENT DOCUMENTS**

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code Number-Kind Code (if known)					YES	NO
YZ	14.	WO	00/06593	02-10-2000	Zuker, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	15.	WO	02/064631 A2	08-22-2002	Adler, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	16.	WO	01/83749	11-08-2001	Bachmanov, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	17.	WO	03/025137	03-27-2002	Liao, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	18.	WO	01/66563 A2	09-13-2001	Adler, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	19.	WO	03/001876 A2	01-09-2003	Adler, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	20.	WO	2005/015158 A2	02-17-2005	Li, et al.		<input type="checkbox"/>	<input type="checkbox"/>
	21.	WO	00/06592	02-10-2000	Zuker		<input type="checkbox"/>	<input type="checkbox"/>
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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Application Number</b>	<b>10/725,475</b>
		<b>Filing Date</b>	<b>December 3, 2003</b>
		<b>First Named Inventor</b>	<b>Mark ZOLLER</b>
		<b>Art Unit</b>	<b>1647</b>
		<b>Examiner Name</b>	<b>Robert S. Landsman</b>
<b>Sheet</b>	<b>3 of 4</b>	<b>Attorney Docket Number</b>	<b>67824.407428</b>

**OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
<i>ML</i>	22.	Johnson, et al., "The Effect of the Sweetness Inhibitor 2-(4-methoxyphenoxy) Propanoic Acid (Sodium Salt) (Na-PMP) on the Taste of bitter-sweet Stimuli", Chemical Senses, Vol. 19, No.4, pg. 349-358, 1994.	<input type="checkbox"/>	<input type="checkbox"/>
	23.	Montmayeur, et al., "A Candidate Taste Receptor Gene near a sweet taste locus", Nature Neuroscience, Vol. 4, No.5, pg. 492-498, May 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	24.	Max, et al., "Tas1r3 encoding a new candidate taste receptor, is allelic to the sweet responsiveness locus Sac", Nature Genetics, Vol. 28, pg. 58-63, May 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	25.	Sainz, et al., "Identification of a Novel Member of the T1R family of putative taste receptors", Journal of Neurochemistry, Vol. 77, pg. 896-903, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	26.	Kitagawa, et al., "Molecular Genetic Identification of a Candidate Receptor Gene for Sweet Taste", Biochemical and Biophysical Research Communications, Vol. 283, pg. 236-242, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
	27.	Xiadong Li, et al., "Human Receptors for Sweet and umami taste", Proceeding of the National Academy of Science, Vol. 99, No. 7, pg. 4692-4696, April 2, 2002.	<input type="checkbox"/>	<input type="checkbox"/>
	28.	Database EMBL 'Onlinel, embi heidelberg; Acc#: Ac062024, June 21, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	29.	E. Adler, et al., "A Novel Family of Mammalian Taste Receptors", Cell, Vol. 100, No. 6, pg. 693-702, March 17, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	30.	Guo, et al., "Protein Tolerance to Random Amino Acid change", PNAS, Vol. 101, No. 25, pg. 9205-9210, June 22, 2004.	<input type="checkbox"/>	<input type="checkbox"/>
	31.	Nelson, et al., "Mammalian Sweet Taste Receptors", Cell, Vol. 106, pg. 381-390, August 10, 2001.	<input type="checkbox"/>	<input type="checkbox"/>
<i>ML</i>	32.	Nelson, et al., "An Amino-acid Taste Receptor", Nature, Vol. 416, pg. 199-202, March 14, 2002.	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
<i>me</i>	33.	Alexander, et al., "Altering the Antigenicity of proteins", Proc. Natl. Acad. Sci. USA, Vol. 89, pg. 3352-3356, April 1992.	<input type="checkbox"/>	<input type="checkbox"/>
	34.	Bowie, et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, Vol. 247, pg. 13061310, March 16, 1990.	<input type="checkbox"/>	<input type="checkbox"/>
	35.	Krautwurst, et al., "Identification of Ligands for Olfactory Receptors by Functional Expression of a Receptor Library", Cell, Vol. 95, pg. 917-926, December 23, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	36.	GenBank Accession Number AL139287, clone RP5-89003, February 13, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	37.	GenBank Accession Number AA907022, May 19, 1998.	<input type="checkbox"/>	<input type="checkbox"/>
	38.	Hoon, et al., "Putative Mammalian Taste Receptors: A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity", Cell, Vol. 96, pg. 541-551, February 19, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	39.	Lindemann, "A Taste for Umami", Nature Neuroscience, ol. 3, No. 2, pg. 99-100, February 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	40.	Perruccio, et al., "Possible Role for gustducin in Taste Transduction in Hirudo Medicinalis", Society for Neuroscience Abstracts, Vol. 26, No. 1-2, Abstract No. 66.15, 2000.	<input type="checkbox"/>	<input type="checkbox"/>
	41.	Wolfgang Bönigk, et al., "The Native Rat Olfactory Cyclic Nucleotide-Gated Channel is Composed of Three Distinct Subunits", The Journal of Neuroscience, Vol. 19, No. 136, pg. 5332-5347, July 1, 1999.	<input type="checkbox"/>	<input type="checkbox"/>
	42.	Sue C. Kinnamon and Thomas A. Cummings, "Chemosensory Transduction Mechanisms in Taste", Annu. Rev. Physiol., Vol. 54, pg. 715-731, 1992.	<input type="checkbox"/>	<input type="checkbox"/>
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